

Human 2'-5'-oligoadenylate synthase 3 ELISA Kit | OAS3 elisa kit

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CATALOG #
AAA97755

REACTIVITY
Human

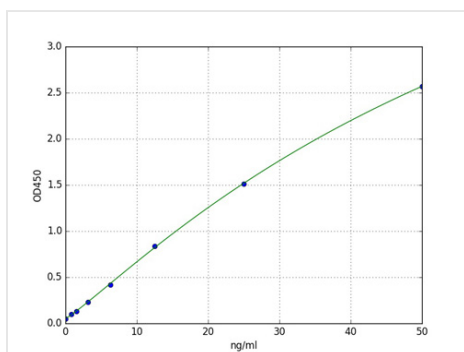
PRODUCT SYNONYMS

2'-5'-oligoadenylate synthase 3; Human 2'-5'-oligoadenylate synthase 3 ELISA Kit; OAS3/2'-5'-oligoadenylate synthase 3/ (2-5')oligo (A) synthase 3/2-5A synthase 3/p100 OAS/p100OAS/P/OKcl.4; OAS3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1087
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a Human OAS3 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.103	0.183	0.228	0.446	0.657	1.129	1.675	2.169

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OAS3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human OAS3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human OAS3 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human OAS3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human OAS3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	45007007
NCBI GeneID	4940
NCBI Accession #	NP_006178.2
NCBI GenBank Nucleotide #	NM_006187.3
Molecular Weight	121,170 Da
NCBI Official Full Name	2'-5'-oligoadenylate synthase 3
NCBI Official Synonym Full Names	2'-5'-oligoadenylate synthetase 3
NCBI Official Symbol	OAS3
NCBI Official Synonym Symbols	p100; p100OAS
NCBI Protein Information	2'-5'-oligoadenylate synthase 3
UniProt Protein Name	2'-5'-oligoadenylate synthase 3
UniProt Gene Name	OAS3
UniProt Synonym Gene Names	(2-5')oligo(A) synthase 3; 2-5A synthase 3; p100OAS
UniProt Entry Name	OAS3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/oas3-human-elisa-kits/2-5-oligoadenylate-synthase-3/97755>